

## ABSTRACT

In order to prevent non-sheet passing portion  
5 temperature rise occurred in a non-sheet passing area  
of an electromagnetic induction heating member 1,  
leakage of magnetic flux is reduced by setting a Curie  
temperature of the heating member 1 to be smaller than  
an acceptable upper limit temperature and setting a  
10 thickness of the heating member so that a thickness  $t_k$   
in a Curie temperature arrival area (P1 - P2) is  
larger than a thickness  $t_n$  in a Curie temperature  
non-arrival area P2 which is a conveyance area of a  
material to be heated having a minimum passing size.

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